

HOLCUBEK, V.

Experience in using nitrided tools. p.222.

(Strojirenska Vyroba, Vol. 5, No. 5, May 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 9, Sept. 1957. Uncl.

EXCERPTA MEDICA Sec.16 Vol.6/2 Cancer February 53

~~HOLUBEK V.~~

529. *Investigations on the relation between the Weltmann serum-proteins stability test and the polarographic filtrate test* HOLUBEK V. State Oncol. Inst., Bratislava Clin. chim. Acta 1956, 1/4 (342-347) Illus. 2

The observation that shortening of the Weltmann coagulation band for a given serum is accompanied by a rise in the height of the polarographic wave of the sulphosalicylic acid (I) filtrate of the same serum led to an investigation of factors common to both reactions. Precipitation of the Weltmann heat-filtrate by I yields a filtrate which is polarographically identical with the filtrate obtained on I-precipitation of the denatured serum, in spite of the fact that there is a 10-fold difference in serum concentration between the 2 procedures. This is explained as being due to the fact that mucoprotein is the polarographically active substance in the filtrates and that, since its absorption on the protein coagulum depends on the nature of the coagulation process, the amount appearing in the filtrate after coagulation is not directly dependent on the serum concentration. Ultrafiltration of the serum filtrates and addition of pure mucoprotein are carried out to prove the validity of the findings.

Neill - Belfast

HOLUBER, VIKTOR

✓ Determination of deoxyribonuclease activity in urine
homogenates with a rotating viscometer Viktor Holub

21

HOLOUBEK, Viktor, RNDr., Bratislava, ul. Cs. armady 17

Desoxyribonuclease activity in normal and B77 sarcomatous hens.
Cesk.onkol. 3 no.1:33-36 1956.

1. Onkol. Forschungsinstitut in Bratislava

(DESOXYRIBONUCLEASE, metab.

in normal & B77 sarcomatous hens (Ger))

(SARCOMA, exper.

B77 sarcoma in hens, desoxyribonuclease activity in (Ger))

ORAVEC, Citrad; HOLOUBEK, Viktor; BAZANY, Miroslav

The properdin system in tumorous disease. II. The level of properdin in healthy and tumorous fowls (tumour B 77). Cesk. onkol. 3 no.4:279-283 1956.

1. Oncological Research Institute, Bratislava.

(IMMUNITY,

properdin in exper. sarcoma B 77 and in normal fowls)

(SERUM GLOBULIN,

same)

(NEOPLASMS, experimental,

sarcoma B 77, comparison of properdin in normal & tumor-bearing fowls)

(SARCOMA, experimental,

B 77, comparison of properdin in normal & tumor-bearing fowls)

SIMKOVIC, Dusan; HNILICA, Lubomir; HOLOUBEK, Viktor

Application of placental extracts in cultivation in vitro, II.
Some properties of the non-dialysable fraction of placental
extract. Cesk. onkol. 3 no.4:292-297 1956.

1. Oncological Research Institute, Bratislava.
(TISSUE CULTURE,
eff. of placental extracts on chick embryo fibroblasts)
(PLACENTA, extracts,
eff. on chick embryo fibroblasts culture)

CZECHOSLOVAKIA/General Problems of Pathology. Tumors

U-4

Abs Jour : Ref Zhur - Biol., No 14, 1958, No 66024

Author : Oravec C., Holoubek V., Bazany M.

Inst : -

Title : The Properdin System in a Tumorous Disease. III. The Time Sequence of Changes in the Level of Properdin in Rabbits with Brown-Pearce Carcinoma.

Orig Pub : Neoplasma, 1957, 4, No 1, 3-6

Abstract : Brown-Pearce carcinoma was transplanted to rabbits (29) and the properdin (I) level was determined during various time intervals by measuring the difference in bactericidal properties between the intact serum and that devoid of I. During the 1st stage (on the 14-day following transplantation) the I content was significantly increased; later (14th-23rd day) it was decreased. In the resistant animals in which the tumor failed to develop and which were sacrificed on the 149th day after transplantation, the I content was normal. One year after the 1st transplantation the tumor was again

Card : 1/2

CZECHOSLOVAKIA/General Problems of Pathology. Tumors

U-4

Abs Jour : Ref Zhur - Biol., No 14, 1958, No 66024

transplanted to the rabbits which survived; an increase in I content in the absence of tumor was observed on the 86th day alone. -- F.L. Bukh.

Card : 2/2

CZECHOSLOVAKIA / General Problems of Pathology.
Immunity.

U

Abs Jour: Ref Zhur-Biol., No 9, 1958, 41864.

Author : Oravec, C., Holoubek, V., Kovarova, V., Klimec, M.,
Bazany, M.

Inst : Not given.

Title : The Properdin System in a Tumorous Disease. IV.
The Level of Properdin in Guinea Pigs Treated
with Cortisone, X-rays and with Herpes Virus.

Orig Pub: Neoplasma, 1957, 4, No 1, 7-9.

Abstract: The investigations were conducted in connection
with the effectiveness of experiments on hetero-
transplantation of tumors with application of cor-
tistone and X-ray irradiation. Guinea pigs were
injected, for a period of 5 days, with 2.5 mg of
cortistone acetate intra-abdominally, or were once
irradiated with 600 r, or were infected intrader-

Card 1/2

CZECHOSLOVAKIA / General Problems of Pathology.
Immunity.

U

Abs Jour: Ref Zhur-Biol., No 9, 1958, 41864.

Abstract: mally with the herpes virus. The animals were killed on the 6th day and the properdin (I) content was determined by the difference in the bactericidal action of the intact serum and of the serum deprived of I. Following all means of treatment, the bactericidal action of the intact serum as well as its I content decreased. However, the I concentration in guinea pigs, treated with cortisone, decreased to a lesser degree than in those infected with herpes or exposed to X-rays. It is assumed that there exists an indirect relation between RES (reticulo endo-thelial system) and I, and also a similar mechanism of action of cortisone and X-rays on the I system. -- F. L. Bukh.

Card 2/2

HOLUBEK, VIKTOR
SMIDA, Julius; HOLOUBEK, Viktor; KOVAROVA, Valeria; ORAVEC, Ctirad

Some aspects on the immunobiological behavior of the virus tumour B-77.
Neoplasma, Bratisl. 4 no.4:327-333 1957.

1. Oncological Research Institute, Bratislava.
 - (VIRUSIS, eff.
 - tumor B 77 virus, on hemagglut.)
 - (HEMAGGLUTINATION
 - eff. of tumor B 77 virus)
 - (NEOPLASMS, exper.
 - eff. of tumor B 77 virus on hemagglut.)

CZECHOSLOVAKIA / General Problems of Pathology.
Immunity.

U

Abs Jour: Ref Zhur-Biol., No 9, 1958, 41865.

Author : Holoubek, V., Graveo, C.

Inst : Not given.

Title : The Properdin System.

Orig Pub: Ceskosl. epidemiol. mikrobiol. imunol. 1957, 6,
No 5, 339-344.

Abstract: No abstract.

Card 1/1

ORAVEC, Ctirad; HOLOUBEK, Viktor

The properdin system in tumorous diseases, V. Bacteriocidal properties of sera of some species. Neoplasma, Bratisl. 6 no.1:3-5 1959.

1. Oncological Research Institute, Bratislava., ul. Cs. armady 17.

(NEOPLASMS, immunol.

bacteriocidal properties of sera from cancer-bearing animals, role of properdin)

(PROPERDIN, eff. on bacteriocidal properties of sera from cancer-bearing animals)

ORAVTC, Ctirad; HOLOUBEK, Viktor; THURZO, Viliam

No translation. Neoplasm, Bratisl. 6 no.1:6-9 1959.

1. Oncological Research Institute, Bratislava, ul. Os. armady 17.

(ALLERGY, exper.

passive anaphylaxis method of detection of antibodies
against transpl. Dael's sarcoma in guinea pigs)

(NEOPLASMS, immunol.

same)

SMIDA, J.; HOLOUBEK, V.; ORAVEC, C.; THURZO, V.

The properdin system in tumorous disease..Part VI. Influence of the properdin fraction on the cancerogenic activity of chicken tumour virus B77. Neoplasma, Bratisl. 7 no.1:26-30 '60.

1. Oncological Research Institute, Bratislava, CSR.
(PROPERDIN)
(NEOPLASMS exper.)

HOLUBEK, Viktor

Activity of phosphatases in healthy chickens and in chickens with
a B77 virus tumor. Biologia 15 no.2:17-22 '60. (KBAI 9:5)

1. Biologické laboratórium Vyskumného ústavu onkologického, Bratislava.
(PHOSPHATASES) (VIRUSES)

HOLOUBEK, Viktor

Activity of enzymes degrading nucleic acids in healthy chickens and in chickens with a B77 virus tumor. Biologia 15 no.3:161-167 '60.
(EEAI 9:8)

1. Biologické labororium Vyzkumného onkologického ústavu,
Bratislava.
(ENZYMES) (NUCLEIC ACIDS) (VIRUSES) (TUMORS)

HOLLOUS, THEODOR.

Formovani a slevacstvi; zasady spravneho formovani a liti, nalitky a vlozky, vyroba jader. Vhodne a nevhodne konstrukce ocelovych odlitku. / Vyd. 1. / Praha, Prace; Vydavatelstvo ROH, 1952, 143 p. (Technicke prirucky Prace, sv. 105) / Moulding and founding; fundamentals of correct moulding and founding; pours and insertions, the machining of foundry cores, and the adequate and inadequate design of steel casts. diagrs. /

SO: Monthly List of East European Accessions, Vol.3, No.3, Library of Congress, March 1954, Uncl.

SIROKICH, J.; OLIVERIUS, V.; KLABAN, J.; HOLLOUS, T.

Information on founding. Slevarenstvi 10 no.12:509-513 D '62.

L 30915-66 EWP(k)/EWI(m)/ENP(h)/T/ENP(l)/ENP(v)

ACC NR: AP6022914

SOURCE CODE: CZ/0038/66/000/001/0020/0021

AUTHOR: Holous, Vojtech; Dolezal, Alexandr

ORG: Nuclear Power Station, Skoda Plant, Plzen (Zavod Jaderne elektrarny, Skoda)

TITLE: Investigation of thermoelectric cells for experimental measurements of temperatures ¹⁹WM

SOURCE: Jaderne energie, no. 1, 1966, 20-21

TOPIC TAGS: temperature measurement, thermoelectric equipment, thermocouple, nuclear reactor component

ABSTRACT: The article is an abstract of the authors' report No Ae 641/Dok. Models of thermoelectric thermocouples were used to measure temperatures of reactor parts subjected to stresses. The sensing elements are protected by perforated ceramic tubes 8 x 1 mm in diameter. Special heads were designed for the connection of long sensing elements. The testing of the elements is done by CO₂. [JPRS]

SUB CODE: 20, 18, 09 / SUM DATE: none

Card 1/1 CC

UDC: 536.532
09/25

09 40

HOLOUS, Zbynek, inz.

Solution of a relay system for solenoid valve control. Prum
potravin 14 no.8:410-412 Ag '63.

1. Ustredni vyzkumny ustav potravinarskeho prumyslu, Praha.

MOLL, Jiri; HOLOUS, Zdenek

Method of molding and casting turbine parts. Slevarenstvi 12
no.1:6-9 Ja'64.

1. Ceskomoravska-Kolben-Danek Blansko.

L 36218-66

SOURCE CODE: UR/0230/65/011/004/0548/0550

ACC NR: AP5024163

AUTHOR: Povzhytkov, M. M. ; Holov, D. O.

ORG: Laboratory of Physiology of Blood Circulation, Institute of Physiology im. O. O. Bohomol'yats, Academy of Sciences, UkrSSR, Kiev (Laboratoriya fiziologiyi krovobihu Instytutu fiziologiyi Akademiyi nauk URSR)

TITLE: Determination of the instantaneous blood volume by the method of thermal dilution

SOURCE: Fiziologichnyy zhurnal, v. 11, no. 4, 1965, 548-550

TOPIC TAGS: blood circulation, dye chemical, medical laboratory instrument, BLOOD

ABSTRACT: The method of thermal dilution has advantages over other methods in that it can be used in many pathological conditions where the colorimetric or other methods would be impossible. It is safe and can be completed within short periods of time. In this method, a 0.85% solution of sodium chloride kept at room temperature is used as an indicator. The switch system proposed by the authors permits the

Card 1/2

HOLOVAV, Jozef, inz.

Production of the 426 mm, pipes in the Vychodoslovenske
zeleziarne National Enterprise. Stroj vyr 12 no.3:177-180 '64.

1. Vychodoslovenske zeleziarne, National Enterprise, Kosice.

GASTOL, Elazej; HOLOWIECKA, Ewa; KOLTEK, Krystyna

Studies on the physical development of children and adolescents
in children's homes in the Cracov Region. Folia med. Cracov. 6
no.1:57-81 '64

GASTOL, Blazej; HOLOWIECKA, Ewa; KOITEK, Krystyna

Evaluation of the nutritional status of children and adolescents in children's homes in the Cracov region according to the thickness of the subcutaneous adipose tissue, hemoglobin level, erythrocyte count, blood protein level and vitamin C level. Folia med. Cracov. 6 no.3:343-353 '64.

HOLOWIECKI, Jerzy; PIOTROWSKI, Zygmunt; KWAPULINSKI, Bryk

Evaluation of the clinical usefulness of a color test determining the intensity of bacteriuria. Pol. tyg. lek. 20 no.24:879-880
14 Je '65.

1. Z I Kliniki Chorob Wewnetrznych AM w Katowicach (Kierownik: prof. dr. Jozef Japa).

PIOTROWSKI, Zygmunt; HOLOWIECKI, Jerzy

Two cases of renal thrombophlebitis with nephrotic syndrome
in adults. Pol. arch. med. wewn. 34 no.10:1383-1386 '64

1. Z I Kliniki Chorob Wewnętrznych Śląskiej Akademii Med-
ycznej (Kierownik: prof. dr. med. J. Japa).

KRAUSE, Mieczyslaw; SAMEK, Dominik; SECHANSKI, Roman; HOLOWIECKI, Jerzy
prace naukowe i literackie

Studies on emotional states induced by conditioned reflexes.
Acta physiol. Pol. 15 no.3:305-311 My-Je '64.

1. Z Zakladu Fizjologii Slaskiej Akademii Medycznej w Zabrze-
Rokitnicy (Kierownik: doc. dr. M. Krause).

HOLEWICKI, K.; BORAK, J.; MICHANOWICZ, E.

The elaboration of the method of obtaining 4,4'-dipyridyl. a chem
9:177-181 '64.

The elaboration of the method of receiving 2,4,2',4',2''-
pentamethoxy-triphenyl carbinol from resorcinol and sodium salicylate.
Ibid.:183-188

1. Central Institute of Mining, Katowice. Presented Nov. 1964.

HOLOWINSKI, J.

4664

338.011.134-49.12.07.656-612

Holowinski J. Determination of Principal Technical and Operational Parameters for an Optimum Ship.

Wyznaczenie glównych parametrów technicznych i eksploatacyjnych statku optymalnego. Technika Gospodarki Morskiej. No 4 1965 pp. 99-101. 1 fig.

Conception of an optimum ship is of a ship carrying on a determined route a specific cargo for the lowest unit cost. Optimum conditions for a cargo vessel are influenced by technical, economic and operational factors. An efficient operation must also take full advantage of deadweight capacity, speed, time and crewing of ship equipment. Among several methods considered the graphical method for determination of the optimum ship is advocated. This method makes it possible to work out the proper schedules for every ship, or to select the optimum ship among those proposed.

HOLOWINSKI, J. T.

"Przeładunek według czarteru i konosamentu" (Transloading according to the charter and bill of lading), by J. T. Holowinski. Reported in New Books (Nowe Książki), No. 14, July 15, 1955

HOLOWINSKI, Jan T.

Notes on Shipping Trade Terms, by Zygmunt Brocki and Jan T. Holowinski. Gdansk:
Zaklad Imienia Ossolinskih we Wroclawiu, 1956.

74 p. (Prace i Materialy z Zakresu Polskiego Slownictwa Morskiego, Zeszyt 6).
At head of added title pg.: Towarzystwo Przyjawiol Nauki i Sztuki w Gdansku.
Komisja Morska. Podkomisja Jezykowa.

HOLOWINSKI, J.

HOLOWINSKI, J. A project of making the shipping enterprise Polish Merchant Marine a self-governing body. p. 317. Vol. 6 no. 12, Dec. 1956. TECHNIKA I GOSPODARKA MORSKA. Gdansk Poland.

SOURCE: East European Accessions List (EEAL) Vol. 6. No. 4--April 1957

HOLOWINSKI, J.

J. Holowinski and Z. Sojka, "Anmerkungen zur Methode der Untersuchung von wirtschaftlichen Schiffen," Schiffbautechnik (Berlin), 7/11, November 1957, pp. 644-46.

The authors are affiliated with the Marine Research Institute, Gdansk.

HOLCOWSKI, J.; WESOLOWSKI, J.

More on the balance of payments for the merchant and marine services. p. 360

TECHNIKA I GOSPODARKA MORSKA. (Naczelna Organizacja Techniczna, Instytut Morski i Morski Instytut Rybacki) Gdansk, Poland, Vol. 8, no. 12, Dec. 1958

Monthly List of East European Accessions (EEAI) IG Vol. 8, no. 8, August, 1959

Uncl.

HOLOWINSKI, J.T., Dr.

Do the freight indicators reflect the conditions of the shipping market? Tech gosp morska 10 no.5/6:132-133 My-Je '60. (EEAI 9:10)

1. Wyzsza Szkola Ekonomiczna, Sopot
(Shipping)

HOLOWINSKI, J. T., dr.

"Oil tanker economics" by Robert S. Nielsen. Reviewed by J. T. Holowinski.
Tech gosp morska 11 no.6:179-180 '61.

1. Wyższa Szkoła Ekonomiczna, Sopot.

HOLOWINSKI, J. T., dr.

Calculation of the time spent on demurrage. Tech gosp worksa
12 no. 4:105. Ap '62

1. Wyższa Szkoła Ekonomiczna, Sopot.

KUNERT, Jozef; HOLOWINSKI, J.

Computation of demurrage. Tech gosp morska 14 no.1:
12-13 Ja'64.

HOLOWINSKI, J.T.

"Shipowner and charterer; legal character of time charter party and liability of the time charterer toward third persons" by Georg-Christian Lorenz-Meyer. Reviewed by J.T. Holowinski. Tech gosp morska 13 no.9:279-280 S'63

HOLOWINSKI, J.T.

Interpretation of the Gencon ice clause. Tech gosp morska
14 no.3:72-74 Mr'64.

KOWALIK, Janusz, dr. inż.; HOLOWINSKI, J.T. (Gdansk)

Most profitable overseas goods transports selected with the
Elliot 803 digital computer. Tech gosp morska 13 no.11:
321-323 N°63.

HOLOWINSKI, S.S., dr (Popol)

Interpretation of certain provisions of the Polish Maritime
Code. Tech gosp morska 13 no. 7/3:209-210 JI-Mg '63.

HOLOWNIA, J.

① Elec

621.396.621.54.002

Polish Technical Abat.
No. 4, 1953
Mechanics, Electro-
technics, Power

2418 ✓

Holownia J. Five-Point Alignment of Superheterodyne Receivers
in the Medium-Wave Range.

Pięciopunktowe zestawienie odbiorników superheterodynowych
w zakresie fal średnich radiofonicznych. Przegląd
Telekomunikacyjny. No. 10, 1952, pp. 300-310, 8 figs.

The author discusses the possibility of improving, by means
of an equalizer circuit, the alignment of tuned circuits of
a superheterodyne receiver. Its influence on the frequency
of the local heterodyne gives perfect alignment in five
points of the signal-frequency range. An analysis of the
circuit in question and the tracking deviations in the medium-
wave range has been made. The paper includes a numerical
example of the design of the circuit under consideration.

JANKOWSKI, W.; HOLOWNIA, J.; ZIMSKI, Z.; BIRECKI, Wl.

Hearing disorders and their compensation after 16-hour rest in workers of a railroad repair shop. Med. pracy 5 no.6:399-406 1954.

1. Z kliniki otorinolar. A.M. i ośrodka badawczo-leczniczego chorób zawodowych we Wrocławiu; kier. prof. dr. W.Jankowski.

(OCCUPATIONAL DISEASES

hearing disord. in workers of railroad repair shop, cure by rest)

(HEARING DISORDERS, etiology and pathogenesis

occup., noise in railroad repair shop, cure by rest)

(REST

in compensation of occup. hearing disord. in workers of railroad repair shop)

EXCERPTA MEDICA Sec 11 Vol 9/6 O.R.L. June 56
 1079. HOŁOWNIA J., JANKOWSKI W. and BIRECKI W. Kat. techn. odbiorczej poli-
 techn., Wrocław; Klin. otolaryngol., A.M., Wrocław. •Wybrzniewanie
 niektórych stroików Bezolda. Decrement of the sound of some
 Bezold's tuning forks OTOLARYNG. POL. 1955, 9/4 (295-304) Graphs
 8 Tables 1
 With the use of electronic equipment the sound pressures of tuning forks were mea-
 sured and decrement of the sound was recorded in graphs as a function: intensity/time.
 The way in which the shaft of the fork was held had a marked influence on the
 sounding time of the fork (greater differences in decrement of the sound were found
 when using forks of lower frequencies). Linearity of decrement was found to be
 best in the C₃-fork, good in C and C₁, satisfactory in C₂, whereas in C₃ and C₄
 it was satisfactory only when held firmly. Error in calculating hearing loss by a
 standard tuning fork examination, repeated by various examiners, amounts to
 about 50% of the loss. An examination repeated by one person greatly diminished
 this error. Small differences in the distance: tuning fork-plana can cause some

10 7 7
db. of error, turning of the fork around its longitudinal axis even several db.
Szpunar - Cracow

HOLOWNIA, J.

Tuning superheterodyne receivers with help of cores.

p. 197
Vol. 28, no. 6, June 1955
PRZEGLAD TELEKOMUNIKACYJNY
Warszawa

EO: Monthly List of East European Accessions (EEAL), LC, Vol. 5, no. 2
Feb. 1956

HOLCWNIA, J.

HOLCWNIA, J. Designing circuits modulated by changing the induction frequency for a superhot rodyne receiver. p. 231.

Vol. 28, No. 7, July 1955
PRZEGLAD TELEKOMUNIKACYJNY
TECHNOLOGY
Warszawa, Poland

So: East European Accession, Vol. 5, No. 5, May 1956

Holownia, J.

POLAND/Electricity - Dielectrics

G-2

Abs Jour : Referat Zhur - Fizika, No 5, 1957, 12104

Author : Holownia, J.

Inst : -

Title : Q-Meters, Adapted for the Measurement of Small Values of Dielectric Losses.

Orig Pub : Zesz. nauk. politechn. wrocl., 1956, No 11, 83-94

Abstract : The author examines the sources of errors in the measurement of $\tan \delta$ by means of a Q-meter and discusses a scheme of an instrument in which partial compensation of the Q-meter and an increase in its sensitivity leads to a reduction in the measurement error of small $\tan \delta$, and to a possibility of measuring $\tan \delta \geq 1 \times 10^{-4}$. In addition, the author describes a scheme of a meter, adapted for the measurement of $\tan \delta$ exclusively, which, in view of its simplicity of servicing, can also be used in industry.

Card 1/1

Holownia, J.

POLAND/Acoustics.

J

Abs Jour: Referat Zhur-Fizika, 1957, No 4, 10253

Author : Holownia, J., Jankowski, W., Birecki, W.

Inst :

Title : Use of Tuning Forks for Otological Investigations of the Conductivity of Air.

Orig Pub: Zesz. Nauk. politechn. wrocl., 1956, No 11, 109-130

Abstract: Usually in the investigation of hearing, carried out with the aid of a tuning fork, one assumes that the sound level attenuates linearly and is determined by the relation $I = I_0 - at \lg \delta$, where I_0 is the initial level, and t the time of attenuation of sound in one second/sic!/. To determine the errors in the measurements with tuning forks, an experimental investigation was made of the most frequently employed set of tuning forks of the Betzold type. Measurements were made of the initial level of the sound, the speed of attenuation, and the characteristics of

Card : 1/2

POLAND/Acoustics.

J

Abs Jour: Referat Zhur-Fizika, 1957, No 4, 10253

the directivity and the spectral composition of the sound were investigated for various tuning-fork excitation conditions. The use of an automatic recording instrument made it possible to determine the time variation of sound attenuation. Corrections are introduced that must be used when certain tuning forks are employed. The dependence of the attenuation index α on the way the experimenter holds the tuning fork is shown. For each of the tuning forks in the set, the time is indicated during which the sound vibrations are audible to the normal ear. These data were obtained as a result of averaging a large number of measurements, carried out with various experimenters, at different methods of excitation of oscillations, and at different forces with which the experimenter held the tuning fork. It is shown that if the conditions of the measurements are kept constant, it is possible to obtain an accuracy on the order of 5 - 10 decibels. Results of measurements carried out with the aid of an audiometer are compared with that made with tuning forks.

Card : 2/2

Holownia J.

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621.396.62

Holownia J. The Tracking of Multirange Superheterodyne Receivers. "Współbieżność w odbiornikach wielozakresowych z przemianą częstotliwości". Archiwum Elektrotechniki (PAN), No. 3, Warszawa, 1957, pp. 343-360, 7 figs.

A new method of tracking superheterodyne receivers by tuned circuits. The method is entirely general, independent of intermediate frequency value, frequency range and means of tuning circuits (variable capacitors or variable inductors). This is made possible by introducing normalised variables in the tuning characteristics of the circuits ξ , and by using relations existing between the squares of relative resonant frequencies of the tuned circuits ξ . The conditions for the circuit tracking can be expressed in the form

$$(a_{\xi} - 1)^2 = \left[\frac{a_{\xi} - p}{\sqrt{\xi_s(a_{\xi} - 1) + 1}} + p - 1 \right]^2$$

$$\xi = p^2 \frac{a_{\xi} - p}{\left[\frac{a_{\xi} - p}{\sqrt{\xi_s(a_{\xi} - 1) + 1}} + p - 1 \right]^2 (a_{\xi}^2 - p^2)}$$

where:

ξ_h — normalised variable of the oscillator tuning characteristic,

ξ_s — normalised variable of the signal circuit tuning characteristic,

$a_{\xi_s} = \frac{f_{s \max}}{f_{s \min}}$ — ratio of the highest and lowest frequencies of the tuning range of the signal circuit,

$a_{\xi_h} = \frac{f_{h \max}}{f_{h \min}}$ — ratio of the highest and lowest frequencies of the tuning range of the oscillator,

$p = \frac{a_{\xi_s}}{a_{\xi_h}}$ — range factor which can be also expressed as $\frac{f_{s \max} f_{h \min}}{f_{s \min} f_{h \max}}$

Holowin J.

where f_s — signal frequency and f_o — oscillator frequency. The equation shows that the tracking is practically independent of the factor and is only a function of p . Therefore, the means used for modifying relative tuning characteristics may ensure tracking on all ranges for which the factor p has the same value. The required modification of the tuning characteristic can be obtained, in accordance with the definition of t , by a proper construction of the tuning devices or by adding some elements into the circuits. It should be emphasized that, according to the definition of t , the addition of parallel trimming condensers or series trimming inductors does not modify the tuning characteristic of the circuit.

3
1-CT(AD)

HOLOWNIA, J.

J. Holownia (Poland), "Eine neue Methode der Gleichlaufabstimmunganalyse
in Ueberlagerungsempfaengern," Nachrichtentechnik (Berlin), 7/7, July
1957, pp. 289-93.

Received on 24 May 1957.

HOLOWNIA, J.; JANKOWSKI, W.; BIECKI, W.

lamp hearing aids & their possibilities. Otolaryng. polska 11 no.1:35-48
1957.

1. Z Politechniki Wrocławskiej i z Kliniki Otolaryngologicznej A. M.
we Wrocławiu Kierownik: Prof. dr W. Jankowski.

(HEARING AIDS

lamp hearing aids, method of evaluating properties for
med. use (Pol))

HOLEWICIA, J.
EXCERPTA MEDICA Sec 11 Vol. 11/7 O.R.L.. July 58

1302. ACOUSTIC CONDITIONS IN THE OTOLARYNGOLOGICAL CLINIC AT
WROCLAW - Warunki akustyczne w Klinice Otolaryngologicznej we Wroclawiu - Hołownia J., Jankowski W. and Birecki W. - OTOLARYNG. POL. 1957, 11/3 (229-238) Graphs 5 Tables 2 Ilus. 1

The authors present the results of investigations of the level and spectrum of noise in the accommodations of the Otolaryngological Clinic at Wroclaw. The data presented containing a quantitative estimation of the acoustic conditions in the wards of the clinic may be helpful in an evaluation of any influence of noise on the course of the treatment, and make possible the estimation of conditions of audiometric tests conducted at the Clinic, inasmuch as in many clinics situated in the towns with an average intensity of street traffic there are similar acoustic conditions.

HOLOWNIA, Jan, mgr inz.

Cylindrical ferroxide cores produced by the Magnetic Material
Works. Prace Inst teletechn 3 no.2:187-192 '59.

0031782

AUTHOR: Holownia, J.

SOURCE CODE: PO/0019/66/015/002/0301/0324

27
B

ORG: Department of Radio Engineering Equipment, Wroclaw Polytechnic Institute
(Katedra Urzadzen' Radiotechniki Wroclawskiej)

TITLE: Analysis of sources of pulse radio interference

SOURCE: Archiwum elektrotechniki, v. 15, no. 2, 1966, 301-324

TOPIC TAGS: interference measurement, interference reduction, radio interference

ABSTRACT: The method of analysis of sources of pulse radio interference described in this paper is simple and convenient for practical application. The basis of this method consists in the introduction of the concept of equivalent voltage or current spectrum sources, which take the place of all storage inductances and capacitances of the circuit. Interference voltage or current spectrum density in the considered branch of the circuit can be easily calculated by direct application of the well known methods of alternating current steady state analysis. It is shown that the spectrum density F_u of a single pulse can be converted to an equivalent inter-

Card 1/2

6) Inter-
increasing n

Orig. art. has: 29

UDC: 621.396.823:621.3.01

SUB CODE: 09/ SUBM DATE: 09/01/66
OTH REF: 006/

HOLOWNIA, Olgierd

Directives for the determination of new methods of designing and conclusions concerning the development of designing laboratories of the machine industry. Probl proj hut maszyn 11 no.3:70-75
Mr '63.

1. Prozamet, Warszawa.

Holrer, M.

Protection of historical monuments on the program of the building office
of the capital city. p. 103.

EPITESUGYI SZEMLE. Budapest, Hungary. No. 4, 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 9, no. 1, Jan. 1960.

Uncl.

HOLSZKY, C.; ORASANU, L.; COVACI, V.

Transalkylation reactions in the series of alkyl benzenes.
Pt. 2. Bul Inst Petrol Rum 9: 115-132 '63.

C. A. HOLBURY, C.

1951

General and Physical Chemist,
2.

Binary mixtures containing aromatic amines and butyric acid. B. Angelescu and C. Holbucy (Univ. Bucharest, Romania). *Acad. Rep. Populare Romane, Bul. Stiint., Ser. Mat., Fiz., Chim.* 2, 241-50 (1950) (French summary).—A few phys.-chem. properties (mol. vol., viscosity, surface tension, parachor, n , etc.) were detd. for a series of binary mixts., contg. normal butyric acid and a secondary amine (methyl and ethylaniline) or butyric acid and a tertiary amine (dimethyl- and diethylaniline). G. A.

HOLSKY, C.

Distr: 4E2a(1)

Combinations of aromatic amines with acetic acid.
E. Angelescu and C. Holsky. *Analele Univ. C. I. Parhon
Bucuresti, Ser. chim.* 1956, 114-21. The phys.
chem. properties of combinations of aromatic amines with
AcOH were studied by mol. vol. and vol. contraction, vis-
cosity, surface tension and surface mol. energy, parachor,
n, and mol. refraction. The combinations with methyl-,
ethyl-, dimethyl-, and diethylaniline were studied. Meas-
urements were made at 25°. The mol. ratio of the com-
binations was 2:1 AcOH-amine. *by P. Angelescu*

1 May

gfg

Distr: 4839(3)

Aromatic amines. Study of the physicochemical properties of their combination products with formic acid. B. Angelescu and C. Holmby. Analele Univ. C. I. Parhon Bucuresti, Ser. chim. mat. 1956, No. 9, 83-94. A study of the physicochem. properties that are detd. by the free intra-mol. space (i.e. mol. vol. and contraction of the same; viscosity, mol. surface tension and surface energy, parachor, n_D and mol. refraction) of a few binary liquid systems between HCOOH and the amines PhNHMe, PhNHEt, PhNAd and PhNEt.

5
2 May
1

9-8

HOLSZKY, C.

B-8

RUMANIA/Physical Chemistry - Thermodynamics, Thermochemistry,
Equilibria, Physical-Chemical Analysis, Phase Transitions.

Abs Jour : Ref Zhur - Khimiya, No 5, 1958, 13785.

Author : E. Angeloscu, C. Holszky.

Inst : "C.I. Parhon" University.

Title : Study of Nature of Aromatic Amine Molecular Compounds with
Lower Alifatic Acids.

Orig Pub : An. Univ. "C.I. Parhon" Ser. stiint natur., 1956, No 12,
77-96

Abstract : A generalization of the authors' investigation of ternary
systems amine - acid - water and binary systems amine -
acid is given. The following is discussed: amines - me-
thyl- and dimethylaniline, ethyl- and diethylaniline,
acids: formic (C_1), acetic (C_2), propionic (C_3), etc.
The stratification region increases in ternary systems in

Card 1/2

HOLSZKY, C.

RUMANIA/Chemical Technology - Chemical Products and Their I-8
Application. Treatment of Natural Gases and Petroleum.
Motor and Jet Fuels. Lubricants.

Abs Jour : Ref Zhur - Khimiya, No 1, 1958, 2561

Author : Holszky, C., Scifos, E.

Inst : -

Title : Spectral Determination of Vanadium in Some Specimens of
Petroleum Coke at the Plants of Rumanian People's Republic

Orig Pub : Petrol si gaze, 1957, 8, No 3, 142-145

Abstract : Description of the content values and of the technique of
determination of V in petroleum products. In the analyzed
specimens of petroleum coke the content of V amounted to
0.0003-0.0017% by weight.

Card 1/1

HOLSZKY, C.; CRUCEANU, E.

On the origin of crude oil. p. 455.

Academia Republicii Populare Romine. STUDII SI CERCETARI DE CHIMIE. Bucuresti, Rumania. Vol. 6, no. 3, 1958.

Monthly List of East European Accessions (EEAI) Vol. 8, no. 7, July 1959.

Uncl.

HOLSZKY, C.; HILSENATH, A.; CORNEA, L.; STOENCIU, A.

Transalkylation reactions in the methylbenzene series. Studii cerc
chim 10 no.3/4:385-395 '62.

1. Institutul de petrol, gaze si geologie, Bucuresti.

MACH, Vlasta, inz., C.Sc.; HOLST, Leos, inz., dr.; JAVOR, Tibor, inz., C.Sc.

Symposiums of the Building Research Institute in Bratislava. Inz
stavby 10 no.1:32-34 Ja '62.

HOLSZTYNSKI, W.

Complete metric spaces as the quasi-open images of Baire's spaces.
Bul Ac Pol math 12 no.12:743-745 '64.

1. Department of Geometry of the Warsaw University. Submitted
October 15, 1964.

HOLSETYNSKI, W.

Generalization of the Brouwer theorem on invariant points.
Bul Ac Pol math 12 no.10:603-606 '64.

On spaces with regular decomposition. Ibid.:607-611

1. Department of Geometry of Warsaw University. Submitted June
29, 1964, June 26, 1964.

S/081/63/000/001/029/036
B144/B186

AUTHORS: Holsztynska, Małgorzata, Miazek-Kula, Maria

TITLE: Deactivation of polyvinyl chloride materials contaminated by radioactive isotopes

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 3, 1963, 590, abstract 3T48 (Prace Centr. inst. ochrony pracy, v. 11, no. 34, 1961, 103-111 [Pol.; summaries in Russ. and French])

TEXT: It has been established as a result of studying the deactivability of polyvinyl chloride materials contaminated with Co^{60} (in the form of CoCl_2), Sr^{90} (in the form of $\text{Sr}(\text{NO}_3)_2$) or Cs^{137} (in the form of CsNO_3) that for all PVC materials (those tested were: Vinidur (thickness 1.8mm), clothing film (thickness 0.1 mm), haberdashery film (thickness 0.5 mm), Vinyleum (on a support of cotton fabric)) with the exception of Vinyleum a high degree of deactivation (D) is achieved from these isotopes (the least stable results were obtained with Sr^{90}) with the aid
Card 1/2

Deactivation of polyvinyl chloride ...

S/081/65/000/003/029/036
B144/B186

of tap water. The use of weak (0.2 N) mineral acids yields still better results (D>99%) with respect to the isotopes studied, including Sr^{90} (with these acids even Vinyleum yields D ~99%). [Abstracter's note: Complete translation.]

Card 2/2

HOLSZTYNSKI, W. (Warszawa); KUPERBERG, W. (Szczecin)

On certain properties of tetrahedrons. Roczn. wiad. matem. 6
no.1:13-16 '62.

HOLTORFF, J.

Photographic documentation of changes in the mucous membranes of the vaginal part of the uterus and of the vagina. Ginek. Pol. 33 no.1: 53-61 '62.

1. Z Kliniki Chorob Kobięcych Akademii Medycznej Carl Gustaw Carus w Dreźnie Dyrektor: prof. dr med. R. Ganse.

(CERVIX NEOPLASMS diag) (VAGINA neopl)
(PHOTOGRAPHY)

HOLTORFF, J.

On an introduction to and results of psychoprophylactic
preparation for painless labor in clinical practice. Cesk.
gynek. 28 no.7:492-495 S '63.

1. Lek. akademie C.G. Carus, Drasdany, red. prof. dr. med.
habil. R. Ganse.

(NATURAL CHILDBIRTH)

HOLTORP, J.

"Some principles of safety and hygiene in foundries." (To be contd.) p. 46. (Przegląd
Odlewnictwa, Vol. 4, no. 2, Feb 54, Krakow)

SO: Monthly List of East European Accessions, Vol 3 No 6 Library of Congress Jun 54 Uncl

HOLTORP, JANUSZ

POLAND/Safety Engineering - Sanitary Engineering. Sanitation. L.

Abs Jour : Referat Zhur - Khimiya, No 9, 1957, 33354

Author : Holtorp Janusz

Inst :

Title : Fundamentals of Safety Engineering and Labor Hygiene in
Founding.

Orig Pub : Przegl. odlewn., 1954, 4, No 3, 76-80

Abstract : Preceding communication see RZhKhim, 1956, 77092.

Card 1/1

HOLTORP, J.

The organization and technology of improving defective cast-iron castings in the Moscow foundry Stankolit. (to be contd.) p.71

PRZEGLAD ODLEWNICTWA. (Stowarzyszenie Techniczne Oldemników Polskich)
Krakow, Poland. Vol.9, no.3, Mar. 1959

Monthly List of East European Accessions Index, (EEAI) LC, Vol.8, no.66, June 1959
Uncl.

HOLTORP, J.

The Organization and Technology of Improving Defective Cast-Iron Casting in the Moscow Foundry Stankolit. (Conclusion), p. 102.

PRZEGLAD ODLEWNICTWA. (Stowarzyszenie Techniczne Odlewnikow Polskich)
Krakow, Poland.
Vol. 9, no. 4, April 1959.

Monthly List of East European Accessions Index (EEAI), LC, Vol. 8, No. 11,
November 1959.
Uncl.

HOLTROP, Janusz, mgr inż.

Sand slingers in foundry practice. Przegl odlew 13 no.1:24-29
Ja '63.

HOLUB, Ada

Use of Cr-51 in the diagnosis of gastrointestinal hemorrhage.
Pol. arch. med. wewnet. 35 no.3:319-324 '65.

1. Z Kliniki Gastrologicznej Studium Doskonalenia Lekarsy
Akademii Medycznej w Warszawie (Kierownik: doc. dr. med. Z.
Chojecki).

HOLUB, Ada

Diagnostic aids in cholelithiasis. Wiadomosci lek. 7 no.11:571-575
Nov 54.

1. Klinika Gastrologiczna A.M., Warszawa, ul. Goszczynskiego.
(CHOLELITHIASIS, diagnosis)

HOLUB, Ada

Perforation of the rectal wall resulting from internal injury. Polski tygod. lek. 14 no.42:1872-1874 19 Oct 59.

1. (Z Kliniki Gastrologicznej Akademii Medycznej w Warszawie; kierownik: prof. dr L. Plocker)
(RECTUM, wds. & inj.)

ROMOVACEK, Jiri; HOLUB, Ales

Determination of mercaptanic sulfur in liquid fuels. Sbor pal vod
VSChT 4 no.1:73-84 '60. (NEAI 10:9)

1. Katedra koksarenstvi a plynarenstvi, Vysoka skola chemicko-
technologicka, Praha.

(Mercapto compounds) (Liquid fuels) (Sulfur)

BILEK, J.; BODA, K.; HOLUB, A.

State and prospects of the development of the research
on the physiology of farm animals in Czechoslovakia.
Vest CSAV 72 no. 4: 443-450 '63.

A. HOLUB; Z. FORMAN; D. JEZKOVA

Development of Chemical Thermoregulation in Piglets. - Nature, Vol. 180,
No. 4591., p. 859, 26 Oct 1957.

Department of Physiology, Veterinary College, Brno.

HOLUB, A

"Development of temperature in the skin of suckling pigs."

CESKOSLOVENSKA FYSIOLOGIE, Praha, Czechoslovakia, Vol. 7, no. 4, July 1958

Monthly list of East Europe Accessions (EEAI), LC, Vol. 8, No. 6, Sept 59
Unclass

HOLUB, A

"Constituent meeting of the veterinary biochemistry and physiology group
of the Czechoslovak Society of Zootechnicians and Veterinarians."

CESKOSLOVENSKA FYSIOLOGIE, Praha, Czechoslovakia, Vol. 7, no. 4, July 1958

Monthly list of East Europe Accessions (EEAI), LC, Vol. 8, No. 6, Sept 59
Unclas

CZECHOSLOVAKIA / Human and Animal Physiology. Thermo- T
regulation.

Abs Jour: Ref Zhur-Biol., No 9, 1958, 41107.

Author : Holub, A.; Forman, Z.; Jezkova, D.
Inst : Not Given.
Title : Body Temperature in Pigs.

Orig Pub: Veterinarstvi, 1957, 7, No 7, 214-216.

Abstract: No Abstract.

Card 1/1

33

HOLUB, Antonin, doc. MVDr. CSc.

Seminar on physiology of feeding and weaning sucking pigs.
Vest ust zemedel 12 no.1:23-24 '65.

1. Higher School of Agriculture, Brno.

HOLUB, A.

Body temperature in young pigs following cooling. Cesk. fysiolo. 8 no.3:
196-197 Apr 59.

1. Katedra fysiologie vet. fak. VSZL, Brno Predneseno na III. fysiologickych
dnech v Brne 15. 1. 1959.

(HYPOTHERMIA, eff.

on body temperature in young pigs (Cz))

Holub, Antonin

SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees:

Affiliation:

Source: Prague, Veterinarni Medicina, No 12, Dec 60, p 919 *But*

Date:

HOLUB, Antonin

Affiliation: Physiological Institute, the Veterinary Faculty at VSZ in Brno;
Department of Organic Chemistry, the Faculty of Natural
Sciences at Charles University, Prague.

Data: Co-~~st~~ author of "The Influence of Aurothioglucose, Given Both
Singly and in a Complex, on the Body-weight of Mice," Source.

X CERNY, Miloslav

Affiliation: Physiological Institute, the Veterinary Faculty at VSZ in Brno;
Department of Organic Chemistry, the Faculty of Natural
Sciences at Charles University, Prague.

Data: Co-author of "The Influence of ~~Auku~~ Aurothioglucose, Given Both
Singly and in a Complex, on the Body-weight of Mice," Source.

Page 1 of 1

(2)

HOLUB, Antonin, doc. MVDr. CSc.

Semisynthetic high caloric diet for piglets artificially
fed from the second day of life. Vet medicina 8 no.6:
427-430 D '63.

1. Chair of Physiology of the Faculty of Veterinary Medicine
of the Higher School of Agriculture, Brno.

HOLUB, A., inz.

Results of tests and operational experiences in using a new weighting agent in the heavy liquid coal washing plant in Komorany. Paliva 45 no.4:119-121 Ap '65.

CZECHOSLOVAKIA

FILKA, J.; HOLUB, A.; Chair of Physiology, Veterinary Faculty,
College of Agriculture (Katedra Fysiologie, Veterinarni Fakulty
VSZ), Brno.

"Development of Calves Weaned on the 3rd Day of Life and Main-
tained Without Milk After the 22nd Day of Life. VI. Glycolytic
Activity of Erythrocytes of Calves in the First 60 Days of Life."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 5, Sep 66, p 373

Abstract: The utilization of glucose increases slightly with
increasing age. In some age groups it is even reduced. The
lowest value is reached between the 14th and 16th days. The
pattern of this development is entirely different from that shown.
in normally fed animals. 2 Czech references. Submitted at 3
Days of Physiology of Domestic Animals at Liblice, 9 Dec 65.

1/1

- 112 -

CZECHOSLOVAKIA

HOLUB, A.; FILKA, J.; KOMAREK, J.; Chair of Physiology, Veterinary Faculty, College of Agriculture (Katedra Fysiologie Veterinarni Fakulty VSZ), Brno.

"Changes in Erythrocyte Utilization of Glucose in Calves During the First 4 Months of Life."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 5, Sep 66, p 377

Abstract: The utilization of glucose related to 100 ml mass of erythrocytes exceeds 20 mg in calves aged up to 21 days; it decreases with age and drops to 15 mg per 100 ml of mass per hour after 120 days. The erythrocytes in calves show lower glycolytic activity than those of most of the mammals. It is probably due to the fact that erythrocytes of ruminants become adapted to the supply of other metabolites than glucose. 2 Western, 3 Czech references. Submitted at 3 Days of Physiology of Domestic Animals at Liblice, 9 Dec 65.

CZECHOSLOVAKIA

JEZKOVA, D.; HOLUB, A.; Chair of Physiology, Veterinary Faculty,
College of Agriculture (Katedra Fysiologie Veterinarni Fakulty
VSZ), Brno.

"The Influence of Diarrhea with Lethal Consequences on the
Chemical Composition of the Body, Liver, and Lungs of Piglets."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 5, Sep 66, pp
379 - 380

Abstract: A study was made of 9 piglets who suffered from diarrhea
between the 9th and 12th days of life, when they died; chemical
analysis of their bodies was compared to that of 5 healthy pig-
lets of same age and breed. The weight of the body was 53.5% of
that of the controls, of liver 63.3%, and of lungs 78.9%. The
amount of fat decreased 42.4% in the body and 28.0% in the
liver as compared to healthy piglets. The protein and ash content
was about equal to that of healthy piglets. The water content
of the liver increased by 7.3%, in the rest of the body it decreased
by 3.7%. 3 Czech references. Submitted at 3 Days of Physiology
of Domestic Animals at Liblice, 9 Dec 65.

1/1

S/263/62/000/004/007/009
I004/I204

AUTHOR: Holub, Bohumil

TITLE: Level indicator for underground liquid reservoirs

PERIODICAL: Referativnyy zhurnal, otdel'nyy vypusk. 32. Ismeritel'naya tekhnika, no. 4, 1962. 34. abstract 32.4.237. Czech. patent, class 42e, 33, no. 95304, May 15, 1960

TEXT: The patent covers a level meter consisting of two glass tubes, for underground reservoirs and connected to the reservoir by means of metallic tubes, one of which goes to the bottom of the reservoir. The difference in the levels in the glass tubes corresponds to the difference of the liquid level in the reservoir and the small tank. When the reservoir is filled to capacity, the liquid in both the glass tube reaches the same level. The glass tubes may be up to 50 feet away from the reservoir. The upper liquid level measurement limit is 9.8 m. There are 2 figures.

[Abstracter's note: Complete translation.]

Card 1/1